

Bibliographic Information

Extraction of acrylic acid. Kato, Tsuneyuki; Aoshima, Jun. (Asahi Chemical Industry Co., Ltd.). Japan. (1970), 2 pp. CODEN: JAXXAD JP 45026485 19700901 Showa. Patent written in Japanese. Application: JP 19650422. CAN 74:54366 AN 1971:54366 CAPLUS (Copyright 2001 ACS)

Pat nt Family Information

<u>Patent No.</u>	<u>Kind</u>	<u>Date</u>	<u>Application No.</u>	<u>Date</u>
JP 45026485	B4	19700901	JP	19650422

Abstract

In acrylic acid (I) manuf. by catalytic oxidn. of propylene, Et propionate (II) is used as an extn. solvent for I from the aq. reaction mixt. Thus, an aq. soln. contg. I 20.0% and AcOH 3% was extd. at 30° with II at 500 g/hr by using a countercurrent extractor (mixer-settler type) to give 631.9 g/hr ext. contg. 99.8 g/hr I and 14.6 g/hr AcOH, and 3.4 % H₂O. H₂O in the ext. could be removed by distn. at 120 mm with addn. of 500 ppm hydroquinone mono-Me ether, whereupon 99.4 g/hr I and 14.2 g/hr AcOH were obtained.